Datasheet

HP EliteDesk 705 G1 Small Form Factor PC

Designed to perform, impress, and protect—this sleek HP EliteDesk helps you power through to business success while allowing customized deployment.

HP recommends Windows.

Windows 8.1[9]
AMD PRO A-Series APU[1]

The solution for diverse business demands.

- The new way to do business. Impress and perform like never before—and meet a variety of business demands—with highly customizable tools and a stylish new design.

Pure performance.

- Unlock the full potential of your PC. The latest AMD PRO A-Series APUs[1] with HSA architecture that maximizes efficiency by intelligently prioritizing system tasks between the CPU and GPU.

Heavy security, exceptionally managed.

- Keep it secure, keep it simple. IT efficiency reigns supreme when it's backed by a full portfolio of security solutions, including HP BIOSphere[2] and HP Client Security.[3]

Expand with ease.

- Extend the life of your purchase. Using the tool-less chassis this easily upgradable platform features up to 4 expansion slots, 10 ports and multiple connectors to help you meet growing demands.

Simplify device management.

- Reduce the complexity of administration. HP Client Management and DASH compliant devices help you easily and affordably manage assets.[4]

Features

- Enjoy the stunning graphics provided by affordable AMD Radeon™ Graphics.[5]
- Get fast access to the data and applications your business demands with solid-state hybrid drive options.
- HP BIOSphere keeps mission-critical data and systems protected with customizable security.[2]
- Guard your data, device and identity with HP Client Security.[3]
- With TPM 1.2 your critical data has protection with hardware-based encryption keys.
- Keep everything in plain sight and be up to 35%[6] more productive. There's plenty of screen room for all your work with support for up to two external displays.[7]
- Extend your business investments with a long life cycle and platform stability.
- Save your data. RAID configurations utilize dual storage drives to automatically back up and help protect your sensitive data.[8]

ENERGY STAR

HP recommends Windows.

HP EliteDesk 705 G1 Small Form Factor PC Specifications Table

Form Factor	Small form factor
Available Operating System	Windows 8.1 Pro 64 [1] Windows 8.1 64 [1] Windows 7 Professional 64 [1] Windows 7 Professional 32 [1] Windows 7 Professional 32 (available through downgrade rights from Windows 8.1 Pro) [2] Windows 7 Professional 64 (available through downgrade rights from Windows 8.1 Pro) [2] Ubuntu Linux 64 FreeDOS 2.0
Available Processors	AMD A10 PRO-7850B APU with Radeon R7 Graphics (3.7 GHz, 4 MB cache, 4 cores); AMD A10 PRO-7800B APU with Radeon R7 Graphics (3.5 GHz, 4 MB cache, 4 cores); AMD A8 PRO-7600B APU with Radeon R7 Graphics (3.1 GHz, 4 MB cache, 4 cores); AMD A8-6500B APU with Radeon HD 8570D Graphics (3.5 GHz, 4 MB cache, 4 cores); AMD A6 PRO-7400B APU with Radeon R5 Graphics (3.5 GHz, 1 MB cache, 2 cores); AMD A6-6420B APU with Radeon HD 8470D Graphics (4 GHz, 1 MB cache, 2 cores); AMD A4 PRO-7300B APU with Radeon HD 8470D Graphics (3.9 GHz, 1 MB cache, 2 cores); AMD A4-6320B APU with Radeon HD 8370D Graphics (3.8 GHz, 1 MB cache, 2 cores) [3]
Chipset	AMD D4
Maximum Memory	32 GB DDR3-1600 SDRAM [4]
Memory Slots	4 DIMM
Internal Storage	120 GB up to 256 GB SATA SE SSD [5] 500 GB up to 1 TB SATA SSHD [5] up to 500 GB SATA SED [5] 500 GB up to 1 TB SATA (10000 rpm) [5] 500 GB up to 2 TB SATA (7200 rpm) [5]
Optical Drive	Slim SATA BDXL Blu-ray writer; Slim SATA SuperMulti DVD writer; Slim SATA DVD-ROM [6,7]
Available Graphics	Integrated Radeon HD; AMD Radeon HD 8490 (1 GB); AMD Radeon R7 240 (2 GB); NVIDIA NVS 315 (1 GB); NVIDIA NVS 310 (512 MB) [9,10,11] (AMD Radeon HD graphics integrated on processor)
Audio	DTS Studio Sound audio management technology, HD audio with Realtek ALC221 codec (all ports are stereo), microphone and headphone front ports (3.5 mm), line-out and line-in rear ports (3.5 mm), multi-streaming capable and Internal speaker
Communications	Integrated Broadcom NetXtreme GbE Plus; Intel I210-T1 PCIe GbE (optional); Intel Wireless-N 7260 802.11a/b/g/n PCIe (optional); HP 802.11a/b/g/n (2x2) Wireless Dual-Band Mini Card with Bluetooth® (optional) [8]
Expansion Slots	1 low-profile PCIe x16 (x4); 1 low-profile PCIe x16; 2 low-profile PCIe x1; 1 15-in-1 media card reader (optional)
Ports and Connectors	6 USB 3.0; 6 USB 2.0; 1 serial; 2 PS/2 (keyboard and mouse); 1 VGA; 2 DisplayPort; 1 audio in; 1 audio out; 1 RJ-45; 1 headphone; 1 microphone (Additional optional ports include 1 serial and 1 parallel)
Internal Drive Bays	One 2.5"; Two 3.5"
External Drive Bays	One slim ODD
Available Software	HP business PCs are shipped with a variety of software titles including: HP Client Security, HP Drive Encryption (FIPS 140-2), HP Password Manager, Microsoft Security Essentials, CyberLink Power DVD BD, HP ePrint Driver, HP PageLift, Box 50 GB Offer, Foxit PhantomPDF Express. Please refer to this product's quick spec document for a full list of preinstalled software [13,14,15,16,17]
Security Management	Trusted Platform Module (TPM) 1.2; SATA port disablement (via BIOS); Drive lock; RAID (available as a configurable option); Serial, parallel, USB enable/disable (via BIOS); Optional USB port disable at factory (user configurable via BIOS); Removable media write/boot control; Power-on password (via BIOS); Setup password (via BIOS); HP Solenoid Hood Lock/Sensor; Support for chassis padlocks and cable lock devices
Management Features	AMD DASH technology capable
Power	240 W standard efficiency, active PFC; 240 W, up to 93% efficient, active PFC
Dimensions	13.3 x 14.9 x 3.95 in 33.8 x 37.9 x 10 cm
Weight	16.7 lb 7.6 kg (Configured with 1 HDD and 1 ODD. Exact weight depends on configuration)
Environmental	Low halogen [18]
Energy Efficiency Compliance	ENERGY STAR® qualified and EPEAT® Gold registered configurations available
Warranty	3-year limited warranty, including telephone support 24/7; terms and conditions may vary by country; other HP Care Pack Services available. HP Care Pack Services are sold separately. Service levels and response times for HP Care Pack Services may vary depending on your geographic location. Service starts from date of hardware purchase. Restrictions and limitations apply. See hp.com/go/cpc for details.

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Accessories and services (not included)

HP Integrated Work Center 3 for Small Form Factor

Maximize your work space with the HP Integrated Work Center for Small Form Factors v3. Customize an "all-in-one" solution by combining an HP Small Form Factor or Workstation with an LED monitor up to 24 diagonal inches.[1]
Product number: F2P06AA

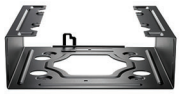
HP EliteDisplay S230tm 23-inch Touch Monitor (ENERGY STAR)

Make the most of your business PC's Windows 8 environment with a fully reclining, multi-touch IPS display that puts productivity at your fingertips and keeps you comfortable throughout the day. Enjoy vibrant Full HD[1]images on the extra-large 23-inch diagonal screen.
Product number: E4S03AA

HP EliteDisplay E221c 21.5-inch Webcam LED Backlit Monitor (ENERGY STAR)

Connect and collaborate. Locally and globally.
Bring the meeting to you. The HP EliteDisplay E221c 21.5-inch Webcam LED Backlit Monitor combines the wide viewing angles of IPS technology with integrated communications technology so it's easy, affordable, and comfortable to quickly connect and collaborate.
Product number: D9E49AA

HP 2009 (Black) SFF Wall Mount/Security Sleeve



Specially designed for small form factor desktops, the bracket enables the computer to be mounted on a wall or beneath the desk for enhanced security and convenience. In addition, the bracket helps to free up valuable space on your desktop.
Product number: VN570AA

AMD Radeon HD 8490 DP (1GB) PCIe x16 Graphics Card

Get impressive graphics and high resolution dual-display performance in a low profile, PCI Express x16 graphics add-in card based on the AMD Radeon HD 8490 Graphics Processor. Improve your everyday PC, Web conferencing, and video or photo editing.
Product number: E1C64AA

NVIDIA NVS 315 1GB Graphics Card

Get efficient dual-display graphics performance in a PCI Express low-profile graphics card with the NVIDIA NVS 315 PCIe x16 1 GB Graphics Card, an ideal desktop graphics solution for professional business and commercial applications.
Product number: E1C65AA

HP recommends Windows.

Messaging Footnotes

[1] This system requires a separately purchased 64-bit operating system and 64-bit software products to take advantage of the 64-bit processing capabilities of AMD technology. Multi-core processing available with AMD technology is designed to improve performance of this system. Given the wide range of software applications available, performance of a system including a 64-bit operating system and a dual-core processor will vary. AMD's model numbering is not a measurement of clock speed.
[2] HP BIOSphere features may vary depending on the PC platform & configuration.
[3] Requires Windows.
[4] Third party management software is sold separately.
[5] AMD Radeon™ Dual Graphics requires an AMD "A" series APU plus optional AMD Radeon™ discrete graphics configuration and is available on Windows 7 and Windows 8. Linux OS supports manual switching which requires restart of X-Server to engage and/or disengage the discrete graphics processor for dual graphics capabilities. Additional hardware (e.g. Blu-ray drive, HD or 10-bit monitor, TV tuner, wirelessly enabled HDTV) and/or software (e.g. multimedia applications) are required for the full enablement of some features. HD Video display requires an HD video source.
[6] "Observed Productivity, Efficiency and User Satisfaction when Using Multiple or Large Displays," Koala LLC Ergonomics Consulting, November 6, 2012.
[7] Support for external displays as a standard feature through integrated processor-based graphics is dependent upon the particular PC platform/form factor; the actual number of displays supported will vary. An optional discrete graphics solution will be required for the support of additional displays. Additional cables required.
[8] RAID configuration is optional and does require a second hard drive.
[9] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows functionality. See http://www.microsoft.com.

Technical Specifications Footnotes

[1] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows functionality. See http://www.microsoft.com.
[2] This system is preinstalled with Windows 7 Pro software and also comes with a license and media for Windows 8.1 Pro software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.
[3] This system requires a 64-bit operating system and 64-bit software products to take advantage of the 64-bit processing capabilities of AMD technology. Multi-core processing available with AMD technology is designed to improve performance of this system. Given the wide range of software applications available, performance of a system including a 64-bit operating system will vary. AMD's numbering is not a measurement of clock speed.
[4] Graphics chipset uses part of the total system memory (RAM) for graphics performance. System memory dedicated to graphics performance is not available for other use by other programs.
[5] For hard drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 16 GB (for Windows 7) and up to 36 GB (for Windows 8) of system disk is reserved for system recovery software.
[6] Duplication of copyrighted material is strictly prohibited. Actual speeds may vary. Double Layer media compatibility will widely vary with some home DVD players and DVD-ROM drives. Note that DVD-RAM cannot read or write to 2.6GB Single Sided/5.2 Double Sided-Version 1.0 Media.
[7] With Blu-Ray drive XL, certain disc, digital connection, compatibility and performance issues may arise, and do not constitute defects in the product. Flawless playback on all systems is not guaranteed. In order for some Blu-ray titles to play, they may require an HDCP path and HDCP display. HD-DVD movies cannot be played on this BDXL Drive.
[8] Wireless cards are optional or add-on features and requires separately purchased wireless access point and internet service. Availability of public wireless access points limited.
[9] HD content required to view HD images.
[10] AMD and NVIDIA discrete graphics sold separately or as an optional feature.
[11] AMD Radeon™ Dual Graphics requires an AMD "A" series APU plus optional AMD Radeon™ discrete graphics configuration and is available on Windows® 7 Professional, Windows 7 Ultimate, Windows® 7 Home Premium, and/or Windows® 7 Home Basic OS. Linux OS supports manual switching which requires restart of X-Server to engage and/or disengage the discrete graphics processor for dual graphics capabilities. Additional hardware (e.g. Blu-ray drive, HD or 10-bit monitor, TV tuner, wirelessly enabled HDTV) and/or software (e.g. multimedia applications) are required for the full enablement of some features. HD Video display requires an HD video source.
[12] Optional or add-on feature.
[13] Drive Encryption requires Windows. Data is protected prior to Drive Encryption login. Turning the PC off or into hibernate logs out of Drive Encryption and prevents data access.
[14] HP ePrint requires an Internet connection to HP web-enabled printer and HP ePrint account registration (for a list of eligible printers, supported documents and image types and other HP ePrint details, see www.hp.com/go/eprintcenter).
[15] Requires Box registration. Offer available to new Box users only. Box App requires Windows 8 or 8.1. Offer subject to change without notice.
[16] Microsoft Security Essentials requires Windows 7 and internet access.
[17] HP PageLift requires Windows 8.
[18] External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen.

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